

Attorney Docket No. LNUP:113US
U.S. Patent Application No. 10/823,297
Reply to Office Action of September 25, 2006
& Office Communication dated March 9, 2007
Date: April 9, 2007

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A rotary microtome comprising:

- a base part on which a microtome housing and a knife holder is arranged;
- a collection element which surrounds the knife holder on three sides, wherein the collection element is defined by a bottom, a first and a second inner side ~~wall~~ walls, a front wall, and a first and a second outer side ~~wall~~ walls;
- several clamping levers are coupled with the knife holder; wherein at least one clamping lever for the knife holder is arranged operably on the first or second outer side wall; and
- a mechanical coupling is guided under the bottom of the collection element from the clamping lever to the knife holder.

Claim 2 (currently amended): The rotary microtome as defined in Claim 1, said front wall comprises an outer front wall and wherein the collection element is a pan having a U-shaped base outline; and the first and the second outer side ~~wall~~ walls are joined to one another by [[an]] said outer front wall so that the pan surrounds the knife holder on three sides.

Attorney Docket No. LNUP:113US
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Claim 3 (currently amended): The rotary microtome as defined in Claim 1, wherein the bottom of the collection element has shaped on it an elevation under which the mechanical coupling is guided from the at least one clamping lever to the knife holder.

Claim 4 (original): The rotary microtome as defined in Claim 1, wherein the knife holder is equipped with a hex socket screw which makes possible unrestricted angular adjustment of a knife support element and thus of a knife provided on the knife support element.

Claim 5 (currently amended): The rotary microtome as defined in Claim 1, wherein a first clamping lever serves to immobilize a knife carriage on ~~the~~ a knife support element; and a second clamping lever serves to clamp ~~the~~ a knife.

Claim 6 (currently amended): The rotary microtome as defined in Claim 1, wherein the first and the second outer side ~~wall~~ walls adjoin the microtome housing in such a way that no step is formed in the region where the first and the second outer side wall encounter the microtome housing.

Claim 7 (original): The rotary microtome as defined in Claim 1, wherein the collection element is embodied in one piece.

Claim 8 (original): The rotary microtome as defined in Claim 7, wherein the collection element comprises a magnetizable element that coacts with at least one magnet that is provided correspondingly on the base part of the rotary microtome.

Claim 9 (currently amended): The rotary microtome as defined in Claim 1, said front wall comprises an inner front wall and wherein the base part has a peripheral step configured beneath the knife holder, and the first and the second inner side ~~wall~~ walls and the inner front wall adjoin the base part in such a way that the peripheral step projects beyond the first and the second inner side ~~wall~~ walls and the front wall.

Claim 10 (currently amended): The rotary microtome as defined in Claim 1, wherein the first and the second inner side ~~wall~~ walls, the first and the second outer side ~~wall~~ walls, and the front wall abut together with the bottom of the collection element in a fillet.

Claim 11 (currently amended): The rotary microtome as defined in Claim 2, said front wall further comprises an inner front wall and wherein the first and the second inner side ~~wall~~ walls, the first and the second outer side ~~wall~~ walls, ~~[[an]]~~ the inner front wall, and the outer front wall abut together with the bottom of the collection element in a fillet.

Claim 12 (original): The rotary microtome as defined in Claim 1, wherein the first outer side wall, the second outer side wall, and the front wall are respectively joined to one another via a fillet.

Claim 13 (currently amended): The rotary microtome as defined in Claim 2, wherein the ~~outer~~ first outer side wall, the second outer side wall, and the outer front wall are dimensioned in such a way that the first outer side wall and the second outer side wall have a lesser spacing at the outer front wall than at the base part.

Claim 14 (currently amended): A ~~collection element~~ device for a rotary microtome comprising:

- a knife holder ~~which the collection element surrounds~~ surrounded on three sides, ~~wherein the collection element is defined by a collection element, said collection element comprises~~ a bottom, a first and a second inner side ~~wall~~ walls, and a front wall, as well as a first and a second outer side ~~wall~~ walls; and
- a mechanical coupling is guided under the bottom of the collection element, wherein the mechanical coupling provides a mechanical connection from at least one clamping lever, arranged on the first or second outer side wall, to the knife holder.

Claim 15 (currently amended): The ~~collection element~~ device as defined in Claim 14, said front wall comprises an outer front wall and wherein the collection element is a pan having a U-shaped base outline; and the first and the second outer side ~~wall~~ walls are joined to one another by ~~[[an]]~~ said outer front wall so that the pan encloses the knife holder on three sides.

Claim 16 (currently amended): The ~~collection element~~ device as defined in Claim 14, wherein the bottom of the collection element has shaped on it an elevation under which the mechanical coupling is guided from the at least one clamping lever to the knife holder.

Claim 17 (currently amended): The ~~collection element~~ device as defined in Claim 14, wherein the collection element is embodied in one piece.

Claim 18 (currently amended): The ~~collection element~~ device as defined in Claim 17, wherein the collection element is manufactured of plastic.

Claim 19 (currently amended): The ~~collection-element~~ device as defined in Claim 14, wherein the first and the second inner side ~~wall~~ walls, the first and the second outer side ~~wall~~ walls, and the front wall abut together with the bottom of the collection element in a fillet.

Claim 20 (currently amended): The ~~collection-element~~ device as defined in Claim 15, said front wall further comprises an inner front wall and wherein the first and the second inner side ~~wall~~ walls, the first and the second outer side ~~wall~~ walls, the inner front wall, and the outer front wall abut together with the bottom of the collection element in a fillet.

Claim 21 (currently amended): The ~~collection-element~~ device as defined in Claim 14, wherein the first outer side wall, the second outer side wall, and the front wall are respectively joined to one another via a fillet.

Claim 22 (currently amended): The ~~collection-element~~ device as defined in Claim 15, wherein the first outer side wall, the second outer side wall, and the outer front wall are respectively joined to one another via a fillet.

Claim 23 (currently amended): The ~~collection-element~~ device as defined in Claim 22, wherein the first outer side wall, the second outer side wall, and the outer front wall are dimensioned in such a way that the first outer side wall and the second outer side wall have a lesser spacing at the outer front wall than at the base part.

Attorney Docket No. LNUP:113US
U.S. Patent Application No. 10/823,297
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Claim 24 (original): A rotary microtome comprising:

- a base part on which a microtome housing and a knife holder is arranged;
- a collection element which surrounds the knife holder on three sides, wherein the collection element is defined by a bottom, a first and a second inner side wall, an inner front wall and an outer front wall, and a first and a second outer side wall;
- several clamping levers are coupled with the knife holder; wherein at least one clamping lever for the knife holder is arranged operably on the first or second outer side wall; and
- a mechanical coupling is guided under the bottom of the collection element from the clamping lever to the knife holder.

Claim 25 (currently amended): A ~~collection element~~ device for a rotary microtome comprising:

- a knife holder ~~which the collection element surrounds~~ surrounded on three sides, ~~wherein the collection element is defined by a collection element, said collection element comprises~~ a bottom, a first and a second inner side ~~wall~~ walls, an inner front wall and an outer front wall, as well as a first and a second outer side ~~wall~~ walls; and
- a mechanical coupling is guided under the bottom of the collection element, wherein the mechanical coupling provides a mechanical connection from at least one clamping lever, arranged on the first or second outer side wall, to the knife holder.